


## Curable composition





**Patent number:** EP1099730  
**Publication date:** 2001-05-16  
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**Classification:**  
 - International: C09D5/03; C09D167/00; C09D133/06; C08G65/32  
 - european: C07D303/40; C07D407/14R; C07D493/10; C08G59/24;  
 C08G59/32C; C09D133/06B2; C09D167/00  
**Application number:** EP20000811039 20001106  
**Priority number(s):** CH19990002056 19991110

### Also published as:

 US6437045 (B1)  
 TR200003237 (A2)  
 JP2001200200 (A)  
 CA2325271 (A1)  
 EP1099730 (B1)

more >>

### Cited documents:

 WO9414906  
 US5770268  
 XP002155774  
 SU1792956

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### Abstract of EP1099730

A powder paint composition comprises a binding agent, preferably a carboxyl group containing polyester and/or poly(meth)acrylate and one or more epoxy resins that are solid at 25 degrees C. A powder paint composition (I) comprises a binding agent, preferably a carboxyl group containing polyester and/or poly(meth)acrylate and one or more epoxy resins that are solid at 25 degrees C and of formula (1). An independent claim is included for a process for the production of compounds of formula (1) where (A) is of formula (3), (B) is an x-valent organic group, derived from a hydroxyl compound with at least x hydroxyl groups where x is at least one, by trans-esterification of a cyclohexene-3-carboxylic acid ester with an alcohol of formula B(OH)<sub>x</sub> in the presence of LINH<sub>2</sub> with removal of the byproduct alcohol from the mixture and epoxidation of the carbon-carbon double bonds of the resulting ester product. B = an x valent organic group derived from a polyol compound with at least x hydroxyl groups by removal of the hydroxyl groups; E = a 2x valent organic group derived from a polyol having at least 2x hydroxyl groups by removal of 2x hydroxyl groups; D = a(y+2z) valent group, derived from a polyol having at least (y+2z) by removal of (y+2z) hydroxyl groups; R<1>, R<5> = H, halogen, 1-4C alkyl or alkoxy or together a methylene group; R<2>, R<3>, R<4>, R<6>, R<7>, R<8>, R<9> = H, halogen, 1-4C alkyl or alkoxy; x = >= 3; y, z = (x-1)-(x-y)

**Family list**

20 family members for:

**EP1099730**

Derived from 18 applications.

- 1 HÄRTBARE ZUSAMMENSETZUNG**  
Publication Info: **AT248898T T** - 2003-09-15
- 2 Curable composition**  
Publication Info: **AU6970200 A** - 2001-05-17
- 3 Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: **BR0005328 A** - 2001-06-12
- 4 CURABLE COMPOSITION**  
Publication Info: **CA2325271 A1** - 2001-05-10
- 5 Solidifiable compositions**  
Publication Info: **CN1296047 A** - 2001-05-23
- 6 Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: **DE50003515D D1** - 2003-10-09
- 7 Curable composition**  
Publication Info: **EP1099730 A1** - 2001-05-16  
**EP1099730 B1** - 2003-09-03
- 8 Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide**  
Publication Info: **ES2204486T T3** - 2004-05-01
- 9 CURABLE COMPOSITIONS**  
Publication Info: **HU0004455 A2** - 2001-06-28  
**HU0004455D D0** - 2001-01-29
- 10 CURABLE COMPOSITION**  
Publication Info: **JP2001200200 A** - 2001-07-24
- 11 CURABLE COMPOSITION**  
Publication Info: **MXPA00011038 A** - 2003-06-06
- 12 HARDENABLE COMPOSITIONS**  
Publication Info: **PL343719 A1** - 2001-05-21
- 13 COMPOSICAO ENDURECIVEL**

Publication Info: **PT1099730T T** - 2004-01-30

- 14** Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide

Publication Info: **TR200003237 A2** - 2001-07-23

- 15** Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide

Publication Info: **TR200302079T T4** - 2004-01-21

- 16** Powder coating compositions based on epoxy compounds and a process for preparing an epoxy compound

Publication Info: **TW515829 B** - 2003-01-01

- 17** Powder coating of carboxyl polyester or (poly)methacrylate and cycloaliphatic polyepoxide

Publication Info: **US6437045 B1** - 2002-08-20

- 18** Curable composition

Publication Info: **US2003149193 A1** - 2003-08-07

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